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9071906T4AEN

AGRICULTURAL ENGINEERING LEVEL 6

ENG/OS/AGR/CR/04/6/A

Perform Soil and Water Conservation Activities

Nov/Dec 2024

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

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PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration code			
Venue of Assessment			
Date of assessment			
Items to be evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks available**	**Marks obtained**	**Comments**
1 Wore the right Personal Protective Equipment *(dust coat, safety boots and gloves).* *(Award 1 mark for each)*	**3**		
2 Mapped out the place of the land to set up a Negarim micro catchment.	**2**		

	(Award 2 marks)			
3	Cleared the ground in preparation for the exercise *(Award 2 marks)*	**2**		
4	Measured the timber for construction of an A frame. *(Award 1 mark for measuring and 1 mark for accuracy)*	**2**		
5	Cut the timber according to the measurement. *(Award 2 marks for cutting and 1 mark for correct use of tools)*	**3**		
6	Joined the timber to form an A frame. *(Award 2 marks for joining and 1 mark for correct use of tools)*	**3**		
7	Attached a plumb bob to the A Frame. *(Award 1 mark)*	**1**		
8	Used the A frame to determine the slope at three different positions *(Award 1 mark each)*	**3**		
9	Used the A frame and plumb bob to trace and mark the first position of the negarim. *(Award 2 marks for pegging, 2 marks for width, 2 marks for moving the A frame correctly)*	**6**		
10	Placed a second line of pegs to mark position of the negarim. *(Award 1 pegging and 1 mark for correct measurement or zero)*	**2**		

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11	Placed a third line of pegs to mark position of the negarim. *(Award 1 pegging and 1 mark for correct measurement or zero)*	**2**		
12	Marked the boundaries of the negarims using a white lime. *(Award 2 marks for marking)*	**2**		
13	Excavated the negarims as per soil and water conservation manual. *(Award 2 marks for each level and 1 mark for correct use of tools)*	**7**		
14	Cleaned the tools and gathered the tools and materials back for storage *(Award 1 mark for gathering and 1 mark for cleaning or zero*	**2**		
	TOTAL	**40**		

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ASSESSMENT OUTCOME

The candidate was found to be:

Competent ☐ Not yet Competent ☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature **Date:**

_____ _____

Assessor's Signature	Date
_____	_____

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